

**THREE WIRE COLOR MONITORING DEVICE**

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**Abstract**

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**PURPOSE:** To provide a three wire color monitoring device which displays display data by scanning a beam with a scanning frequency corresponding to a picture size or the location of the picture even though the device is a three wire type.

**CONSTITUTION:** A setting section 13 of a CRT control unit C outputs three output signals at least one of which is the combination of a composite synchronization signal and a reference level signal based on the setting, a color synchronization signal synthesizing section 7 synthesizes the three output signals and R, G, and B signals and outputs the result to the monitor side D as three composite signals through three wires, a scanning frequency selecting circuit section 25 of the monitor side detects setting conditions based on the composite synchronization signals contained in the composite signals inputted through the three wires and an oscillating circuit 33 outputs oscillating signals of scanning frequency corresponding to the detection result to a deflection circuit 34 so that seven kinds of different picture sizes or positions are obtained on a CRT 35.

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